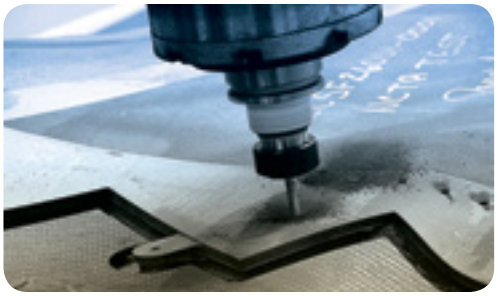
CoreHog™











CoreHog™ makes the most advanced Composite Machining tools on the market











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About CoreHog™









CoreHog™ is fast becoming a world leading supplier in the design, manufacture and use of composite cutting tools used in the market today. Our customers are on the forefront of technology used in markets ranging from Aerospace, Space Systems, Defense Systems, Auto Racing and Naval Technologies.

At **CoreHog**™ we understand that as our customers progress in technology, and their need to manufacture more efficiently and accurately increase. With over 40 years of combined hands on experience, our staff is able to provide recommendations on your projects every step of the way, from start to finish.

We are committed to putting our tools through extensive pre-market testing in order to further refine and prove superior cutting technology. All of our tools are made with high grade, application specific grade materials specially formulated to provide the best performance possible. With this commitment to excellence, you can rest assure that you are receiving premium quality tools that will stand up to your processes.

You will always find a courteous staff ready to answer your questions at **CoreHog**™.

We pride ourselves in providing the highest customer service possible. Our staff is well versed and extremely knowledgeable in the composites manufacturing industry. We are always ready to provide you with the best cutting tools solutions for your specific application.

Small Size Finishing Tools



Our small finishing tools are designed for machining small slots and pockets or concave surfaces in honeycomb core. The two piece design consists of a solid carbide Coreslicer™ with integral shank and a **CoreHog**™ shredder.

Small Coreslicers™

Part #	DIA	Shank	OAL	Description	Use with
5MCS	.196"/ 5MM	.118" / 3MM	2.00"	Standard Edge	N/A
10MCS	.393"/10MM	.196" / 5MM	4.00"	Standard Edge	10MH
5CS	.500"	.250"	4.00"	Standard Edge	5H
5CST	.500"	.250"	4.00"	Sawtooth Edge	5H

Small CoreHoggers™

Part #	DIA	LOC	Use with
10MH	.334	.500"	10MCS Slicer
5H	.470"	.625"	5CS / 5CST Slicer

Specialized Composites and Honeycomb Core Machining tools

At **CoreHog**™ we are pioneering ideas to deliver superior products and innovative concepts to the composites and advanced materials fields. We have developed unique core roughing tools known as **CoreHoggers**™.

Our **CoreHoggers**™ have allowed our customers to significantly increase their production rates. We stock affordable PCD diamond and diamond coated endmills. **CoreHogger**™ diamond tools have proven to be extremely effective and durable for machining composites.

CoreHoggers™ are put through comprehensive pre-market testing in order to further refine our superior cutting technology. **CoreHog**™ tools are available with application specific coatings, and are made from high grade, custom formulated materials.

With our commitment to excellence you can rest assured that you are receiving premium quality tools that will stand up to the rigors of core and composite machining.

Medium Size Finishing Tools



Our medium finishing tools are designed for machining small to medium slots, pockets and concave or convex surfaces in honeycomb core. The two piece design consists of a solid carbide Coreslicer™ and a HSS **CoreHogger**™ with an integral shank.

Medium Coreslicers™

Part #	DIA	Description	Use with
5CS_HSS	.500"	Standard edge	12MH
75CS	.750"	Standard edge	17RZR
75CST	.750"	Sawtooth edge	17RZR
75CSC	.750"	Staggered edge	17RZR
1CS	1.000"	Standard edge	1HA or 17RZR
1CST	1.000"	Sawtooth edge	1HA or 17RZR
1CSC	1.000"	Staggered edge	1HA or 17RZR

Medium CoreHoggers™

Part #	DIA	LOC	Shank	OAL	Use with
12MH	.472" / 12MM	1.30"	.375"	3.30"	5CS_HSS
17RZR_375	.669" / 17MM	1.00"	.375"	3.50"	75CS / 75CST / 75CSW
17RZR	.669" / 17MM	1.30"	.500"	3.50"	75CS / 75CST / 75CSW
17RZRXL	.669" / 17MM	1.30"	.500"	4.75"	75CS / 75CST / 75CSW
1HA	.875"	1.30"	.500"	3.50"	1CS / 1CST / 1CSW
1HA_CARB	.875"	1.30"	.750"	4.75"	1CS / 1CST / 1CSW

Screw included with **CoreHogger**™

Arbors



CoreHog™ Arbors

Our arbors are machined and then ground from barstock. The keys are press fit into the arbor for ease of operation and safety. Cap screw and washer are provided with the arbor.

Part #	Shank DIA	Use with
45A	.500"	45MM Assembly
63A	.500"	2" / 63MM Assemblies
2A	.625"	2" / 63MM Assemblies
63A_EXT	.635"	63mm Long Length Assembly

Large Coreslicers™



Smooth Edge Coreslicers™

Our smooth carbide Coreslicers™ have a razor sharp cutting edge that has no interruptions on it. It is designed to obtain superior finishes in Nomex, Kevlar and metallic honeycomb core materials. Typically recommended for Aramid and Kevlar materials the most. Coated with our TICN + C coating to ensure the best performance.

Part #	DIA	Use with
45CS	1.771" / 45MM	45H, 45H_CARB
50CS	1.968" / 50MM	45H, 45H_CARB
2CS	2.000"	2H, 2HLG, 2HLG_3DEG
63CS	2.480" / 63MM	63H, 63HLG, 63H_CARB, 63HLG_CARB
3CS	3.000"	3H, 3HLG

Our large finishing assembly tools are one of our most popular series. They are specifically designed to finish large surface area parts in all variety of honeycomb core.

Depths of cut can be made up to 1.25" deep. We have many configurations and styles specifically designed for different material types, densities and manufacturing styles.

The (3) piece design consists of an arbor (washer and screw included), **CoreHog**™ shredder and carbide Coreslicer™.

Large Coreslicers™



Sawtooth Edge Coreslicers™

Our Sawtooth Coreslicers™ are recommended for use with fiberglass and aluminum honeycomb core materials. Highly recommended for use on very thin wall aluminum honeycomb to reduce tearing, flagging and to obtain the best finish possible on light honeycomb core.

Part #	DIA	Use with
45CST	1.771" / 45MM	45H, 45H_CARB
50CST	1.968" / 50MM	45H, 45H_CARB
2CST	2.000"	2H, 2HLG, 2HLG_3DEG
63CST	2.480" / 63MM	63H, 63HLG, 63H_CARB, 63HLG_CARB
3CST	3.000"	3H, 3HLG

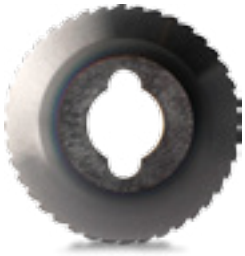


Wavy Edge Coreslicers™

Our wavy Coreslicers™ are recommended to be used on fiberglass, Kevlar and aluminum honeycomb core materials. Highly recommended for use on heavy wall aluminum core and high density Kevlar core. Our wavy Coreslicers™ are also recommended for cutting through bond lines that cannot be avoided when finishing complex shaped parts.

Part #	DIA	Use with
45CSW	1.771" / 45MM	45H, 45H_CARB
50CSW	1.968" / 50MM	45H, 45H_CARB
2CSW	2.000"	2H, 2HLG, 2HLG_3DEG
63CSW	2.480" / 63MM	63H, 63HLG, 63H_CARB, 63HLG_CARB
3CSW	3.00"	3H, 3HLG

Large Coreslicers™



Staggered Edge Coreslicers™

Our staggered Coreslicers™ are recommended to be used on fiberglass, Kevlar and aluminum honeycomb core materials. Highly recommended for use on heavy wall aluminum core and high density Kevlar core. Our staggered Coreslicers™ are also recommended for cutting through bond lines that cannot be avoided when finishing complex shaped parts.

Part #	DIA	Use with
45CSC	1.771" / 45MM	45H, 45H_CARB
50CSC	1.968" / 50MM	45H, 45H_CARB
2CSC	2.000"	2H, 2HLG, 2HLG_3DEG
63CSC	2.480" / 63MM	63H, 63HLG, 63H_CARB, 63HLG_CARB
3CSC	3.000"	3H, 3HLG

CoreHog™ Creators of the original CoreHoggers™

The original CoreHoggers™

CoreHog™ provides top notch honeycomb core machining tools and is an industry leader in innovation. When it comes to making machined honeycomb components, we have the right tools for every aspect of your application. Not only have we created the widest variety of core milling tools at affordable prices, but we also keep a large stock of our standard items to ensure timely delivery.

Large CoreHoggers™



Our **CoreHog**™ shredders use the best materials available today to give the best performance possible. **CoreHoggers**™ are recommended for all types of honeycomb materials.

Standard CoreHoggers™

Part #	DIA	LOC	Use with
45H	1.732" / 44MM	.620"	45CS, 45CST, 45CSC, 45CSW,
2H	1.950"	.750"	2CS, 2CST, 2CSC, 2CSW
2HLG	1.950"	1.50"	2CS, 2CST, 2CSC, 2CSW
2HLG_3DEG	1.950"	1.50"	2CS, 2CST, 2CSC, 2CSW
63H	2.421" / 61.5MM	.70"	63CS, 63CST, 63CSC, 63CSW
63HLG	2.421" / 61.5MM	1.20"	63CS, 63CST, 63CSC, 63CSW
3H	2.750"	.950"	3CS, 3CST, 3CSC, 3CSW



Carbide CoreHoggers™

Part #	DIA	LOC	Use with
45H_CARB	1.732" / 44MM	.620"	45CS, 45CST, 45CSW
63H_CARB	2.421" / 61.5MM	.70"	63CS, 63CST, 63CSW
63HLG_CARB	2.421" / 61.5MM	1.20"	63CS, 63CST, 63CSW



CoreHog™ Valve Cutters

Our "valve" style Coreslicers are designed for machining concave and convex surfaces in honeycomb core. The two piece design consists of a solid carbide CoreSlicer™ and a steel arbor.

Part #	DIA	Description
2CFA	.500"	Arbor
2CFS	2.000"	Smooth Carbide Slicer—Use with 2CFA
2CFST	2.000"	Sawtooth Carbide Slicer—Use with 2CFA
2CFSC	2.000"	Coarsetooth Carbide Slicer—Use with 2CFA
2CFSHSS	2.000"	Smooth HSS CoreSlicer—Use with 2CFA
2CFSTHSS	2.000"	Sawtooth HSS Slicer—Use with 2CFA
2CFSCHSS	2.000"	Coarsetooth HSS Slicer—Use with 2CFA
15CFA	.500"	Arbor
15CFS	1.500"	Smooth Carbide Slicer—Use with 15CFA
15CFST	1.500"	Sawtooth Carbide Slicer—Use with 15CFA
15CFSC	1.500"	Coarsetooth Carbide Slicer—Use with 15CFA
1CFA	.500"	Arbor
1CS	1.000"	Smooth Carbide Slicer—Use with 1CFA
1CST	1.000"	Sawtooth Carbide Slicer—Use with 1CFA
1CSC	1.000"	Coarsetooth Carbide Slicer—Use with 1CFA

Vertical Wall Finishing Tools

New!

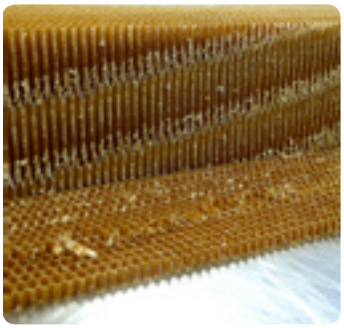


Thanks to a new "left hand" configuration of **CoreHogger™** you can now quickly and effectively finish vertical walls with a 3-axis milling routine.

Left Hand CoreHoggers™

Part #	DIA	LOC	OAL
25CHLH	.250"	1.25"	2.50"
25CHLH-4	.250"	1.25"	4.00"
375CHLH	.375"	2.0"	3.00"
5CHLH	.500"	2.0"	4.00"
5CHLH-6	.500"	3.0"	6.00"
75CHLH	.750"	2.0"	4.00"
75CHLH-6	.750"	3.0"	6.00"
1CHLH	1.00"	2.0"	4.00"
1CHLH-6	1.00"	3.0"	6.00"

Example using CoreHoggers™ to machine a horizontal surface



Strategy

1. Rough profile +.125" using standard **CoreHogger™** and conventional milling.
2. Mill profile to net (0.000") using "left hand" **CoreHogger™**. One pass conventional + one pass climb cutting.
3. Spring pass net profile using standard **CoreHogger™**.

Benefits

4. Significantly faster cycle times
5. Much easier to program and alter toolpaths.
6. Extended tool life = decreased tooling costs
7. Minimal cell flagging and reduced hand work.
8. Eliminates "pogo" tools and toolpaths



Flat End CoreHoggers™

Designed to cut most honeycomb core materials, our **CoreHog**™ geometry provides rapid material removal to increase productivity. We recommend using these as much as possible to reduce wear and expense on other finishing style tools.

Part #	DIA	LOC	OAL
25CH	.250"	1.25"	2.50"
25CH-3	.250"	1.25"	3.00"
25CH-4	.250"	1.25"	4.00"
375CH	.375"	2.0"	3.00"
5CH	.500"	2.0"	4.00"
5CH-6	.500"	3.0"	6.00"
16MMCH	.630" / 16MM	2.125"	3.75"
75CH	.750"	2.0"	4.00"
75CH-6	.750"	3.0"	6.00"
20MMCH	.787" / 20MM	3.15"	4.75"
1CH	1.00"	2.0"	4.00"
1CH-6	1.00"	3.0"	6.00"

Honeycomb Core Roughing Tools



Ball End CoreHoggers™

Designed to cut most honeycomb core materials, our **CoreHog**™ geometry provides rapid material removal to increase productivity. We recommend using these as much as possible to reduce wear on other finishing style tools, saving you expense on cost per part.

Part #	DIA	LOC	OAL
25BACH	.250"	1.25"	2.50"
25BACH-3	.250"	1.25"	3.00"
25BACH-4	.250"	1.25"	4.00"
375BACH	.375"	2.0"	3.00"
5BACH	.500"	2.0"	4.00"
5BACH-6	.500"	3.0"	6.00"
75BACH	.750"	2.0"	4.00"
75BACH-6	.750"	3.0"	6.00"
1BACH	1.00"	2.0"	4.00"
1BACH-6	1.00"	3.0"	6.00"

Sandwich Panel Tools



Undercutting/Rebating Tools

Rebating (trenching, ditching, relieving, etc.) is the removal of material between the skins of a sandwich panel. Due to the unique geometry of our rebating tools, cutting feed rates will increase up to 500% above our competitors.

We stock many custom configurations of rebating tools that are not listed above. Please contact our sales department to inquire.

Part #	DIA	LOC	OAL
5CHRBCL	13MM	12.7MM	100MM
TR335X5X6MM	.500"	.335"	2.50"
TR600X5X6MM	.500"	.600"	2.50"
TEKLRBT75X335X6MM	.750"	.335"	2.50"



Sandwich Panel Cutters

Part #	DIA	LOC	OAL
25CH	.250"	1.250"	2.50"
375CH	.375"	1.250"	3.00"
5CH	.500"	2.00"	4.00"
25SPC	.250"	.625"	2.50"
25SPC_L	.250"	1.250"	2.50"
375SPC	.375"	.875"	2.50"
375SPC_L	.375"	1.250"	2.50
5SPC	.500"	1.375"	3.00"
5SPC_L	.500"	2.00"	3.00"
25CFPC	.250"	1.250"	2.50"
375SPC	.375"	1.250"	2.50"
5CFPC	.500"	2.00"	3.00"

CoreHog™ solid carbide sandwich panel cutters were developed to allow finish cutting of composite honeycomb panels. This new design allows full depth cutting of panels at the fastest feed rates possible while minimizing issues of flagging and delaminating created by traditional cutters used in the industry. Recommended with materials such as carbon laminate with Nomex honeycomb and Kevlar honeycomb. CoreHog™ tools are extensively tested on aircraft interior panels and found to virtually eliminate manual cleanup of parts after machining, while increasing cutting rates by up to 300% over conventional cutters. Specially selected coatings have been added to prolong tool life over standard carbide alone.

We stock many custom configurations of rebating tools that are not listed above. Please contact our sales department to inquire. Contact us at 661-467-0440.



Carbide Dagger Drills

Carbide Dagger Drills are an excellent choice for drilling holes in composite materials and thin gage composite aluminun stack ups .250" or less.

All of our dagger drills are coated with a DLC (Diamond Like Carbon) to extend tool life.

PART #	DIA	LENGTH	# FLUTES
098DGGRDR4	0.098	4.000	2
125DGGRDR4	0.125	4.000	2
141DGGRDR4	0.141	4.000	2
156DGGRDR4	0.156	4.000	2
159DGGRDR4	0.159	4.000	2
161DGGRDR4	0.161	4.000	2
172DGGRDR4	0.172	4.000	2
188DGGRDR4	0.188	4.000	2
191DGGRDR4	0.191	4.000	2
194DGGRDR4	0.194	4.000	2
199DGGRDR4	0.199	4.000	2
201DGGRDR4	0.201	4.000	2
203DGGRDR4	0.203	4.000	2
219DGGRDR4	0.219	4.000	2
228DGGRDR4	0.228	4.000	2
234DGGRDR4	0.234	4.000	2
238DGGRDR4	0.238	4.000	2
250DGGRDR4	0.250	4.000	2

PCD Diamond Tools

Polycrystalline diamond tools are used extensively in automotive and aerospace industries. They are ideal for high speed machining in tough and abrasive aluminum alloys, and high-abrasion processes such as drilling and milling in materials like carbon fiber, fiberglass and ceramics. The diamond cutting edges make them last for extended periods before replacement is needed. High volume processes, tight tolerances, and highly abrasive processes are ideal for diamond tooling.



Drill Bits

PART #	DIA	LENGTH	# FLUTES
100PCD8DR	0.100	3.000	2
129PCD8DR	0.129	3.000	2
147PCD8DR	0.147	3.000	2
192PCD8DR	0.192	3.000	2
251PCD8DR	0.251	3.000	2
313PCD8DR	0.313	3.000	2
376PCD8DR	0.376	3.000	2
502PCD8DR	0.502	3.000	2



Square ts

Excellent for milling all types of composite laminate type materials ranging from carbon, Fiberglass, S-Glass and Kevlar Phenolic. Tool life up to 50x's higher than standard carbide tools when used as recommended.

Part #	DIA	LOC	OAL
125PCD	.125"	.250"	1.50"
25PCD	.250"	.250"	2.50"
375PCD	.375"	.312"	2.50"
5PCD	.500"	.312"	3.00"



Ball End Mills

Excellent for milling all types of composite laminate type materials ranging from carbon, Fiberglass, S-Glass and Kevlar Phenolic. Tool life up to 50x's higher than standard carbide tools when used as recommended.

Part #	DIA	LOC	OAL
25PCDB	.250"	.312"	2.50"
375PCDB	.375"	.437"	2.50"
5PCDB	.500"	.500"	3.00"



Countersinks

CoreHog™ now offers PCD Countersink's with or without removable pilots. Our countersinks can be configured in any standard configuration available today. Recommended for countersinking and chamfering in laminate composite materials. PCD tipped tooling increases tool life as well as reducing delaminating at the same time. Our tools use specially selected PCD diamond for the toughest composites in the market today.

All countersinks are custom built to our customers specifications. Contact us for a quote on your individual countersink at 661-467-0440.

Inquire for your specific sizes and configurations.

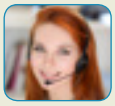


Composite Router Bits

Excellent for milling all types of composite laminate type materials ranging from carbon, Fiberglass, S-Glass and Kevlar Phenolic. Tool life up to 50x's higher than standard carbide tools when used as recommended.

Part #	DIA	LOC	OAL	Direction
25CFRU	.250"	.750"	2.50"	UP
375CFRU	.375"	1.00"	2.50"	UP
5CFRU	.500"	1.50"	3.00"	UP
75CFRU	.7500"	1.50"	3.00"	UP
25CFRD	.250"	.750"	2.50"	DOWN
375CFRD	.375"	1.00"	2.50"	DOWN
5CFRD	.500"	1.50"	3.00"	DOWN
75CFRD	.7500"	1.50"	3.00"	DOWN
25CFRUCVD	.250"	.750"	2.50"	UP
375CFRUCVD	.375"	1.00"	2.50"	UP
5CFRUCVD	.500"	1.50"	3.00"	UP
25CFRDCVD	.250"	.750"	2.50"	DOWN
375CFRDCVD	.375"	1.00"	2.50"	DOWN
5CFRDCVD	.500"	1.50"	3.00"	DOWN
375CFHFM	.375"	1.00"	2.50"	UP
5CFHFM	.500"	1.50"	3.00"	UP





Speeds and Feeds —Aluminum Honeycomb Tools

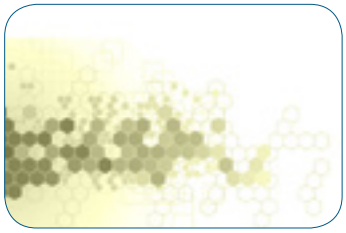


- Below listed speeds and feeds subject to variation from different treatment process, fixturing, etc.
- If cut face of material appears to be getting too hot, increase feed rates or drop spindle RPM
- If material tearing occurs at cells, decrease depth of cut and/or step over distance rather than plunging if possible when pocketing or roughing
- 15 degree ramp angle is desirable
- Conventional cutting is recommended for the slicer combination tools whenever possible but is not necessary if climb milling is required
- Cut direction is not important when using **CoreHog**™ carbide roughing tools. Ramping into material is recommended
- Listed speeds and feeds are to be used as a general guideline; adjustment may be necessary on a case-by-case basis

Call 661-467-0440 for specific technical questions.

Cutter Size/Type	Depth of Cut	Stepover	Spindle RPM	Feedrate (IPM)	Info
.250" CoreHog Rougher (25CH / 25BACH)	.250"–.500"	0.125″	12000–16000	80–200 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
.500" CoreHog Rougher (5CH / 5BACH)	.250"	.250"	12000–16000	100–300 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
1.0" CoreHog Rougher (1CH / 1BACH)	.250"–1.00"	.500"–1.00"	12000–16000	100–300 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
45CSHA (Full Assembly)	.375" Rough 150" Finish	.89" Rough .375" Finish	18000–24000	350 IPM	.375" Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
63CSHA (Full Assembly)	.375 Rough 150 Finish	1.24" Rough .375" Finish	14000–16000	350 IPM	.600 Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
2CSHA (Long) (Full Assembly)	.750 Rough 100 Finish	1.0 Rough .375" Finish	12000–15000	350 IPM	.750 Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
.500" CoreSlicer (5CSH)	.050" Finish	.150" Rough .04" Finish	18000–24000	50–80 IPM	.025"–.150" depth for finishing ½°–3° lead angle. Designed for corner cleanout in pockets & fine detailing work"
10mm Coreslicer (10mcsh)	.025" Finish	.035–.075"	18000–24000	80–100 IPM	.050"–.150" depth for finishing ½°–3° lead angle Designed for corner cleanout in pockets and fine detailing work"

Speeds and Feeds —Aramid Honeycomb Tools



- Below listed speeds and feeds subject to variation from different treatment process, fixturing, etc.
- If cut face of material appears to be getting too hot, increase feed rates or drop spindle RPM
- If material tearing occurs at cells, decrease depth of cut and/or step over distance rather than plunging if possible when pocketing or roughing
- 15 degree ramp angle is desirable
- Conventional cutting is recommended for the slicer combination tools whenever possible but is not necessary if climb milling is required
- Cut direction is not important when using **CoreHog**™ carbide roughing tools. Ramping into material is recommended
- Listed speeds and feeds are to be used as a general guideline; adjustment may be necessary on a case-by-case basis

Call 661-467-0440 for specific technical questions.

Cutter Size/Type	Depth of Cut	Stepover	Spindle RPM	Feedrate (IPM)	Info
.250" CoreHog Rougher (25CH / 25BACH)	.250"–5.00"	0.125"	18000–24000	350–600 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
.500" CoreHog Rougher (5CH / 5BACH)	.250"–1.00"	.250"–.500"	18000–24000	1000–2000 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
1.0" CoreHog Rougher (1CH / 1BACH)	.250"–1.00"	.500"–1.00"	18000–24000	1000–2000 IPM	Decrease depth of cut on lighter density core to reduce possibility of cell fracture
45CSHA (Full Assembly)	.600 Rough .150 Finish	.89 Rough .250 Finish	18000–24000	600 IPM	.600 Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
63CSHA (Full Assembly)	.600 Rough .150 Finish	1.24 Rough .250 Finish	14000–16000	600 IPM	.600 Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
2CSHA (Long) (Full Assembly)	1.375 Rough .100 Finish	1.0 Rough .250 Finish	15000–18000	600 IPM	1.375 Doc for roughing .05"–.150" DOC finish, ½°–5° lead angle
.500" CoreSlicer (5CSH)"	.050" Finish	.150" Rough .04" Finish	18000–24000	50–80 IPM	.025"–.150" depth for finishing ½°–3° lead angle. Designed for corner cleanout in pockets & fine detailing work"
10mm Coreslicer (10mcsh)	.025" Finish	.035–.075"	18000–24000	80–100 IPM	.05"–.150" depth for finishing ½°–3° lead angle Designed for corner cleanout in pockets and fine detailing work"

Speeds and Feeds—for Sandwich Panel Cutters

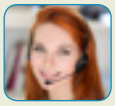


CoreHog™ solid carbide sandwich panel cutters were developed to allow finish cutting of composite honeycomb panels. This new design allows full depth cutting of panels at the fastest feed rates possible while minimizing issues of flagging and delaminating created by traditional cutters used in the industry. Recommended with materials such as carbon laminate with Nomex honeycomb and Kevlar honeycomb. **CoreHog**™ tools are extensively tested on aircraft interior panels and found to virtually eliminate manual cleanup of parts after machining, while increasing cutting rates by up to 300% over conventional cutters. Specially selected coatings have been added to prolong tool life over standard carbide alone.

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Tool	Skin Type	IPM	RPM	DOC	Step Over	Direction
25CH	Tedlar	150	24,000	Full	Full	Conv.
375CH	Tedlar	200	22,500	Full	Full	Conv.
5CH	Tedlar	300	22,000	Full	Full	Conv.
25SPC	Glass or Carbon	300	16,000	Full	Full	Conv.
375SPC	Glass or Carbon	350	15,000	Full	Full	Conv.
5SPC	Glass or Carbon	375	14,500	Full	Full	Conv.





CoreHog™ Innovative Tools for Innovative Materials

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